05-01-06

APR 2 8 2006

Docket No.: 067234-0015

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

: Chee, Mark S., et al.

Appl. No.

10/620,852

Filed

July 15, 2003

Title

MULTIPLEX NUCLEIC ACID REACTIONS

Grp./A.U.

: 1637

Examiner: :

Joyce TUNG

Customer No.: 41552

Confirmation No.: 2545

CERTIFICATE OF MAILING BY EXPRESS MAIL(37 CFR § 1.10)

"Express Mail" Mailing Label Number EV 643141262 US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-

1450 on April 28, 2006

Lorraine Smith

Mail Stop Amendment Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

 $\boxtimes$ 

Transmitted herewith is a Response to the Restriction Requirement in the above-identified application.

No additional fee is required.

Applicant is entitled to small entity status under 37 CFR 1.27

Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	103	103	0	\$25.00 =	. \$0.00
Independent Claims	7	7	0	\$100.00 =	\$0.00
		Multiple dependent claims newly presented			\$0.00
		Fee for extension of time			\$0.00
Total of Above			ve Calculations	\$0.00	

Please charge my Deposit Account No. <u>502624</u> in the amount of \$0.00. An additional copy of this transmittal sheet is submitted herewith.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 502624, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

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Date: April 28, 2006

Please recognize our Customer No. 41552 as our correspondence address.

SDO 44281-1.067234,0015

PATENT PATENT

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VA 22313-1450 on April 28, 2006 .

Peraine Smith

## RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Responsive to the Restriction Requirement mailed March 28, 2005, Applicants respectfully request consideration of the following remarks.

## **REMARKS**

Claims 1-103 are pending. The Office alleges that the claims are directed to six distinct and independent inventions as follows:

Group I:

Claims 1-34, directed to a method of detecting a target sequence comprising

first and second probes complementary to a target;

Group II:

Claims 35-52, directed to a method of detecting the relative amounts of two

or more target sequences;

Group III:

Claims 53-73, directed to a method of amplifying a target sequence to

produce a signal within a dynamic range of a detection;